Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 21 Sep 2020 until 23:59 on Tuesday 22 Sep 2020

Forecast Issued on Sunday 20 Sep 2020 at 14:47

Confidence: High confidence for mostly fine conditions Monday and a transition to more unsettled and much cooler weather from Tuesday onwards. Moderate confidence for extent of low cloud, mist and fog on Monday morning.

Headline for Monday 21 Sep 2020: Early mist and fog clearing to leave a warm and sunny day.

Mountain weather hazards on Monday 21 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	MIST	MIST					
Partly cloudy (night)	Mist	Mist	Sunny intervals	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
00%	10%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Monday 21 Sep 2020

Weather: Mostly clear skies overnight with light winds, however, some mist and fog patches are likely to develop, these mainly in low-lying valleys, but also occasionally covering hills. Low cloud, mist and fog gradually lifting and clearing through the morning to leave a sunny day with prolonged unbroken, warm sunshine. Fine and mostly clear through the evening, though some low cloud perhaps affecting western upslopes.

Chance of cloud free mountain/hill tops above 600m: 60% overnight and early morning, with occasional patches of cloud on hills. Becoming 90% from late morning and 100% through the afternoon and early evening. 80% by late evening.

Visibility: Very good generally with distant hills clearly visible, especially by day. Moderate or poor in mist, locally very poor in fog overnight and early morning, obscuring nearby hills and landmarks.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 21 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 SE	8/11 S	8/13 S	10/15 SW	15/21 W	15/21 SW	12/18 SW	12/20 SW	12/18 SW
300	3/6 E	2/8 SE	2/8 S	3/9 SW	8/16 W	9/17 W	4/14 W	4/13 SW	3/12 SW
Valley	4/11 E	3/5 E	2/6 S	3/8 SW	6/12 SW	7/14 SW	2/9 SW	2/9 SW	2/8 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/6	8/6	10/8	12/10	13/10	11/9	10/8	10/7
300	7/7	4/3	4/3	12/11	15/14	15/14	11/11	9/8	10/10
Valley	8/7	7/6	6/5	12/12	15/14	16/15	13/13	11/11	11/11
Freezing Level*	2300m	2300m	2200m	2200m	2300m	2300m	2500m	2600m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine on Monday will be particularly strong for the time of year with a risk of sunburn if exposed for prolonged periods. Winds may gust up to 30mph during Monday evening on exposed peaks and ridges.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 19 Sep 2020	0mm	0mm	0mm

Forecast for Tuesday 22 Sep 2020

Weather: Becoming cloudy and rather breezy overnight, especially in the west, though remaining dry. Clearer spells likely in the east. Cloud spreading to all parts through the day with outbreaks of rain or drizzle on some hills. Turning windy and feeling much cooler. More widespread and persistent rain expected during the evening.

Maximum wind: Southwesterly 20-25mph, with gusts 35-40mph.

Chance of cloud free mountain/hill tops above 600m: 80% falling to 20% overnight with cloud lowering to 400m at times. Becoming 90% during the morning, but 40% by the afternoon and into the evening with occasional cloud to around 500m.

Visibility: Mainly good or very good with clear views of the park, particularly in lower lying valleys. Poor or very poor in cloud on hills overnight and during rain and drizzle through the afternoon and evening with very limited views of nearby hills and landmarks.

Temperature: **Valleys:** Plus 6 degrees becoming Plus 17 degrees Celsius.
At 600m: Plus 9 degrees becoming Plus 12 degrees Celsius.
Freezing level: Well above summits throughout.

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